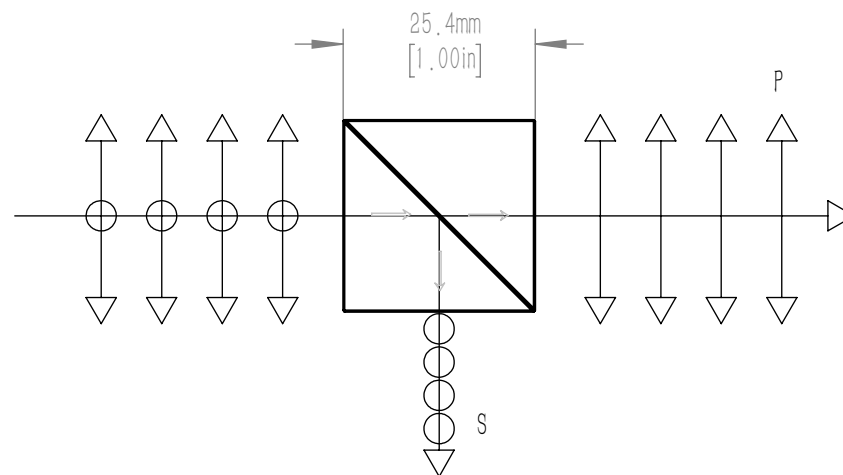




#### Notes/Specifications:

1. Design wavelength: 532nm
2. Clear aperture:  $>22.86 \times 22.86\text{mm}$
3. Transmitted wavefront error:  $<\lambda/4 @ 633\text{nm}$
4. Surface flatness:  $<\lambda/10 @ 633\text{nm}$
5. Surface quality: 20-10 scratch-dig
6. Transmitted beam deviation:  $<5 \text{ arcmin}$
7. Reflected beam deviation:  $90^\circ \pm 5 \text{ arcmin}$
8. Extinction ratio:  $T_p/T_s > 2000:1$
9. Transmission efficiency:  $T_p > 95\%$
10. Reflection efficiency:  $R_s > 99.5\%$
11. Coating (all 4 outer optical surfaces):  
VAR coating  $R_{abs} < 0.25\% @ 532\text{nm}, 0^\circ \text{ AOI}$



FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	25.4mm High Power Polarizing Beamsplitter Cube 532nm			
DRAWN	CWD	2022/5/18	PBS254HP-532			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV FUSED SILICA	0.14kg	2:1	A